

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 7,576,487
Issued: August 18, 2009
Name of Patentee: Yuichiro MIYAMAE et al.
Title of Invention: PLASMA DISPLAY DEVICE

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attention: Decision and Certificate of Correction
Branch of the Patent Issue Division

1. Attached is Form PTO/SB/44 being suitable for printing.
2. Correction of the Official Letters Patent is respectfully requested in view of the following text which appears correctly in the application file:

In claim 4 of the Letters Patent at column 16, line 24, "includes a green color" should read -- includes any of a green color -- as indicated in the original Specification.

In claim 4 of the Letters Patent at column 16, line 42, "where "N" is at least" should read -- where "M" is at least -- as indicated in the amendment dated July 1, 2008.

3. Please send the Certificate to:

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MAT-8691US

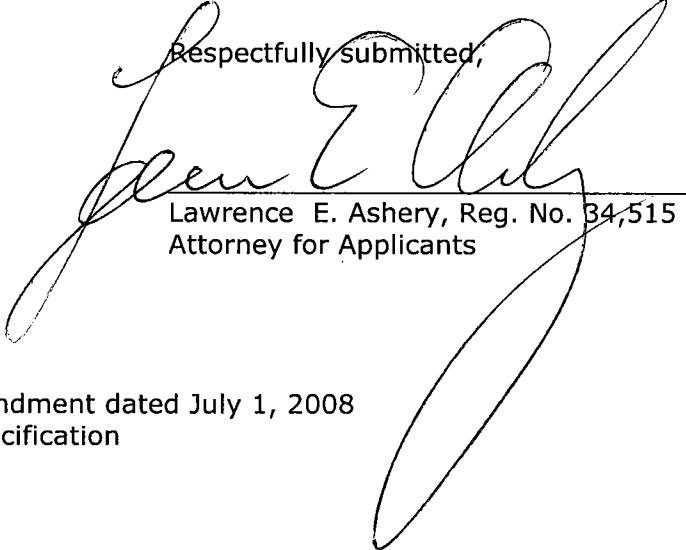
Name of Assignee: Panasonic Corporation

Assignment Recorded on: May 9, 2005

Reel: 017267

Frame: 0599

Respectfully submitted,


Lawrence E. Ashery, Reg. No. 34,515
Attorney for Applicants

LEA/sh

Enclosure: Form PTO/SB/44
Copy of Page 4 of Amendment dated July 1, 2008
Copy of page 29 of Specification

Dated: December 11, 2009

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SH549782

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO: 7,576,487
APPLICATION NO.: 10/534,342
ISSUE DATE: AUGUST 18, 2009
INVENTOR(S): YUICHIRO MIYAMAE ET AL.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 4 of the Letters Patent at column 16, line 24, "includes a green color" should read -- includes any of a green color --

In claim 4 of the Letters Patent at column 16, line 42, "where "N" is at least" should read -- where "M" is at least --

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This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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the phosphor layer is a mixed phosphor and includes a green color phosphor, the green color phosphor being a mixed phosphor comprising: a mixture of a phosphor material defined by a general formula of

a phosphor of formula $M_{1-a} (Ga_{1-x}Al_x)_2 O_4:Mn_a$ (where "M" denotes one of Zn, Mg, Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$) and

another phosphor material defined by a general formula of a phosphor of formula $(Y_{1-a-y}Gd_a)_3 (Ga_{1-x}Al_x)_5 O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1-a-y \leq 0.98$).

5.-6. (Cancelled)

7. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer includes any of a green color phosphor, a blue color phosphor and a red color phosphor,

the green color phosphor being a mixed phosphor comprising: comprises one of

a spinel system of formula $M_{1-a} (Ga_{1-x}Al_x)_2 O_4:Mn_a$ (where "M" is at least one of Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$), or

a phosphor of yttria system comprising formula $(Y_{1-a-y}Gd_a) (Ga_{1-x}Al_x)_3 (BO_3)_4:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1-a-y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a) (Ga_{1-x}Al_x)_3 (BO_3)_4:Ce_y, Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1-a-y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a) BO_3:Tb_y$ (where $0 \leq a \leq 1$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1-a-y \leq 0.98$, and

formula $(Y_{1-a-y}Gd_a)_3 (Ga_{1-x}Al_x)_5 O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1-a-y \leq 0.98$), or

7. A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for
5 emitting light when excited by ultraviolet rays, wherein

→ the phosphor layer includes any of a green color phosphor, a blue color ←
phosphor and a red color phosphor,

the green color phosphor comprises one of a spinel group phosphor, a yttria
group phosphor and a mixture of the spinel group phosphor and the yttria
10 group phosphor,

the blue color phosphor comprises one of phosphor materials of $\text{Ba Mg Al}_{10} \text{O}_{17}:\text{Eu}$ and $\text{Ba Sr Mg Al}_{10} \text{O}_{17}:\text{Eu}$, and

the red color phosphor comprises one of phosphor materials of $\text{Y}_2 \text{O}_3:\text{Eu}$ and $(\text{Y, Gd})\text{BO}_3:\text{Eu}$.

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